

Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Communications Engineering Division

DATE: 7 February 1956

50X1

FROM : Chief, Communications Operations & Training Division

SUBJECT: Procurement of Additional RS-13 Units

1. In a meeting held 24 January 1956 between representatives of Engineering and this Division, it was decided that, based on our experiences with the present RS-13 equipment, a number of changes should be made in any additional equipments which are required. These changes are as follows:

a. Change the transmitter circuitry to provide for A-1 mode of operation.

b. Change antenna loading to a system similar to that employed in the RS-6, and provide single antenna operation instead of the present necessity for two antennas.

c. Reduce acoustic noise.

d. If possible, eliminate the present oscillator and buffer tuning system (crystal boxes) and use instead manual tuning.

e. Provide an additional position of the function switch to permit the automatic dot transmissions to be keyed by the hand key. This switch to provide the following functions in the order indicated:
TUNE - HAND KEY - RECEIVE - START - MESSAGE.

f. Provide hold downs for the exposed transmitter tubes.

g. Provide a separate AC power supply covering nominal input voltages of 70 to 270 volts and frequencies of 50 to 400 cycles.

h. Provide bottom plates for all set components.

i. Mount all set components on a light metal base (rather than in a suitcase as was done previously).

j. Design tape marking template for use with standard (U. S. Government type) Scripto pencils. IBM electrographic lead will be used.

2. This Division has received operational requirements for forty (40) additional RS-13 units. It is requested that OC-E undertake the procurement of these equipments. The time element will not allow formal procurement

CONFIDENTIAL

SECRET

DOC 38	REV DATE 20/3/80	BY 37169
ORIG COMP 33	GPI 56	TYPE 3
ORIG CLASS 5	PAGES 2	REV CLASS C
JUST 22	NEXT REV 2000	AUTH: HR 71

~~SECRET~~
CONFIDENTIAL

- 2 -

procedures to be followed as this would, we understand, involve a delay of approximately one year before the first units could be obtained. Instead, the necessity for obtaining the first units of this equipment within the next three or four months, plus the fact that procurement by direct negotiation is more satisfactory from the standpoint of obtaining equipment which will meet our specifications, are, we believe, adequate reasons to by-pass normal procurement procedures.



50X1

CONFIDENTIAL

~~SECRET~~